Special Issue

Lipid Peroxidation and Cancer

Message from the Guest Editors

This Special Issue aims to further deepen our understanding of the correlations among lipid peroxidation, cancer progression, and the onset of drug resistance, paving the way for the design of new therapeutic approaches. All types of "omics" investigations will contribute to attaining the principal aim of the Special Issue. Original research articles, reviews, and clinical studies investigating the following aspects are welcome: 1. Lipidomic characterization of lipid profiles specifically associated with the various types of cancer and with their progression;
2. Correlation among the intracellular content of PUFA, susceptibility to lipid peroxidation, and proneness to ferroptosis in cancer cell lines and in vivo models;
3. Deciphering the contribution of end-products of lipid peroxidation in the hallmarks of cancer;
4. Evaluation of the possibility of modulating tumor progression by targeting lipid metabolism reprogramming and its consequences by new molecular or pharmacological strategies, including drug repurposing. The Special Issue and the resulting discoveries may benefit from the involvement of researchers from various disciplines, from basic research to the clinical field.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

Editor-in-Chief

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